

Notice of Allowability

Application No.

10/001,712

Examiner

Sam K. Ahn

Applicant(s)

TAKATORI ET AL.

Art Unit

2637

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/14/05.
2. ☒ The allowed claim(s) is/are 1-3, 5-13 and 15-26.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

- a. In claim 2, line 1, "a high-speed" has been changed to "the high-speed", line 4, "a transmission" has been changed to "the transmission".
- b. In claim 3, line 1, "a high-speed" has been changed to "the high-speed".
- c. In claim 5, line 1, "a high-speed" has been changed to "the high-speed".
- d. In claim 7, line 11, "signal was in" has been changed to "signal was in a", line 17, "in transition" has been changed to "in the transition", line 19, "error value a" has been changed to "amplified error value a", line 19, "error value to" has been changed to "positive number to" (note p.8 in the specification).
- e. In claim 8, line 3, "in transition" has been changed to "in the transition".
- f. In claim 9, line 2, "samples values" has been changed to "sample values".
- g. In claim 11, line 18, "during a symbol" has been changed to "during the symbol".
- h. In claim 12, line 3, "a transition" has been changed to "the transition".
- i. In claim 15, line 17, "sampled signal was in" has been changed to "sampled digital signal was in a", line 23, "in transition" has been changed to "in the transition", line 25, "error value a" has been changed to "amplified error value

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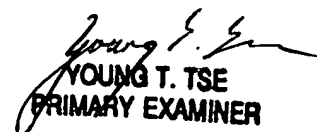
- a", line 25, "error value to" has been changed to "positive number to" (note p.8 in the specification).
- j. In claim 16, line 1, "according to claim 11" has been changed to "according to claim 15" since claim 15 previously recites the elements recited in the claim.
- k. In claim 19, line 5, "the circuit" has been changed to "the decision circuit", line 12, "in transition" has been changed to "in a transition".
- l. In claim 20, line 3, "in transition" has been changed to "in the transition".
- m. In claim 22, line 1, "wherein amplifying" has been changed to "wherein said amplifying", line 2, "an amplified" has been changed to "the amplified".
- n. In claim 23, line 1, "wherein deciding" has been changed to "wherein said deciding", line 2, "a defined" has been changed to "the defined", line 3, "amplified error value" has been changed to "amplified error of the value", line 3, "error value to" has been changed to "positive number to".

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sam Ahn whose telephone number is (571) 272-3044. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jay Patel can be reached on (571) 272-2988. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Sam K. Ahn
1/4/06


YOUNG T. TSE
PRIMARY EXAMINER